APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The National Economic Plan for 1966 and Its Construction Tasks, 7 pp.
BULGARIAN, per, Stroitelstvo, No 1, Jan 1966, pp. 1-3.
JPRS 35424

EE-Bulgaria
Econ
Jun 66

301,697

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Problems in Construction under the New System of Planning and Management in the National Economy, by Engr. Gr. Traykov, 9 pp.
BULGARIAN, per, Stroitelstvo, No 2, Feb 1966, pp. 1-4.
JPRS 35806

EE-Bulgaria
Econ
Jun 66

302,989

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Construction of Highway Tunnels in Bulgaria, by Stefan Khristov, 8 pp.
BULGARIAN, per, Stroitelstvo, No 3, Mar 1966, pp. 3-5.
JPRS 36293

EE-Bulgaria
Econ
Jul 66

306,729

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Expansion of the "Georgi Damyanov" Copper Production Combine Near Pirdop, by Tsanko Bratukhchev, 20 pp.
BULGARIAN, per, Stroitelstvo, No 4, Apr 1966, pp. 1-6.
JPRS 36783

EE-Bulgaria
Econ
Sept 66

308,231

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Some Problems in Construction Specialization in Bulgaria, by Pencho Shishkov, 10 pp.
BULGARIAN, per, Stroitelstvo, No 5, May 1966, pp. 1-4.
JPRS 37614

EE-Bulgaria
Econ
Oct 66

311,177

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Some Problems in Price Formation in Construction under the New System of Management, by Grigor Traykov, 7 pp.
BULGARIAN, per, Stroitelstvo, No. 2, Feb 1967, pp. 1-3.
JPRS 41577

EE-Bulgaria
Econ
Aug 67

333.195

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Role of the USSR in the Development of Higher Technical Education in Bulgaria, by Vasil Stoilov, 11 pp.
BULGARIAN, per, Stroitelstvo, No 8-9, Sept 1967, pp 25-28.
JPRS 43675

EE/Bulgaria
Educ
Jan 68

343,176

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Hydroelectric Power Plant Construction in Bulgaria, by Engrs. Danyan Danyanov and Dimitur Dokov, 15 pp.
BULGARIAN, per, Stroitelstvo, No 8-9, Sept 1967, pp 28-32.
JPRS 43643

Sci-Mechanical, Industrial, Civil & Marine Engr.
Jan 68

347,127

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Permanent Commission on Construction of CEMA, 8 pp.
BULGARIAN, per, Stroitelstvo, No 8-9, Sept 1967, pp 39-40.
JPRS 43625

EE-Bulgaria
Econ
Jan 68

347,143

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The "Tsanhel" Hydroelectric Power System Described,
by D. Dokov, 18 pp.
BULGARIAN, per, Stroitelstvo, No 4, Apr 1968,
pp 1-7.
JPRS 46,148

Sci/Mech, Ind, Civ & Mar Engr
Aug 68

362,982

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

History of Construction Union Reviewed, by M. Markov, 6 pp.
BULGARIAN, per. Stroitelstvo, Sofia, No 11, Nov 1968, pp 1-3.
JPRS 47579

Sci-Mech
Mar 69

375.008

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Installation Gantry Crane Manufactured,
by Slavi Nachev, 5 pp.
BULGARINA, per, Stroitelstvo, Sofia, No 12,
Dec 1968, pp 16-17.
JPRS 47,688

Sci-Mech, Ind, Civ & Mar Engr
Apr 69
378,362

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Plans for Building Sofia Subway, by
Dimitur Dokov, 12 pp.
BULGARIAN, per, Stroitelstvo, Sofia, No 11, Nov
1969, pp 26-29.
JPRS 50146

EE-Bul
Econ
Apr 70

406,106

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Construction Projects Abroad Listed, Discussed, by Danyu Dimitrov, 9 pp.
BULGARIAN, per, Stroitelstvo, Sofia, Dec 1969, pp 4-6.
JPRS 50060

EE-Bulgaria
Econ
Mar 70

402,423

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

REQ TR CHECK 2-11-16 TW51

ENAMELED REACTOR FOR PARAFFIN OXIDATION
DIMITROV D
BU: STROIT. MATER. SILIKAT. PROM
vol 9, nr 8-9, 1968, pp 44-47

In process as
HC-23-72-0208 Negative
9 Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Automation of Machines by Means of Pneumatic Logical Elements, by O. Brychta, 15 pp.
CZECH, per, Strojirenska Vyroba, Vol 14, No 1, 1966, pp 14-23.
P100219168-V
FTD-HT-23-847-67

Sci/Electro-Electri Engr 364,307
Sep 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Use of Explosives in Machine Building and Assembling, by L. Urban.
CZECH, per. Strojirenska Vyroba, Vol 14, No 2, 1966, pp 104-110. P100124538-Y
FTD-HT-66-781.

Sci-Tech Engr
Jul 68

359,903

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Formation by Explosion in Shipbuilding,
by F. Hrazdil, 10 pp.
CZECH, per, Strojirenska Vyroba, Vol 14, No 3,
1966, pp 178-185. P100118768-V
FTD-MT-66-779

Sci-Materials
July 68

350,849

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

A new Steel of High Strength, Touginess, and Hardenability, by K. Kraus. 5 pp.
Czech, per, Strojirenska Vyroba, Vol 15, No 10, 1967, pp 747-749.
AIR/FTD/HT-23-984-68

sci/materials
june 69

382,946

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Determining Deep Drawability, by A. Galuk.
CZECH, per, Strojirenska Vyroba, Vol 16, No 3,
1968, pp 161-165.
BISI 6962

sci/ materials
aug 69

388,585

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

A New Lubricant for Pressing Aluminum, by F. Mitterhauszer, M. Michalic. 6 pp. CZECH, per, Strojirenska Vyroba, No 4, 1968, pp 241-243.
AIR/FTD/HT-23-425-70

Sci-Mat
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Improvements in The Area of Non-Destructive Flaw Detection in Czechoslovakia, by Jiri Smid.
FOR OFFICIAL USE ONLY
CZECHOSLOVAKIAN, per, Strojirenska Vyroba,
Vol 16, No 5, 1968, pp 351-354.
FSTC-HT-23-303-68 P200212268-V

Sci/Agr
Sept 68

366,502

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

New High-Speed Steels, by O. Moravek,
CZECH, per. Strojirenska vyroba, Vol 16, No 9,
1968, pp 641-645.
BISI 8082

GB 228/MT 1030 - 1305

Jun 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

New Processes for the Continuous Hot-Galvanizing of Thin Sheets and Possibilities of Their Application, by P. Somsky,
CZECH, per. Strojirenska Vyroba, Vol 16, No 9, 1968, pp 646-653.
BISI 8083

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Hot Cutting of Rust-Resisting and Heat Resisting Steels, by J. Prosek
CZECH, per. Strojirenska Vyroba, Vol 16, No 10, pp 723-732. 1968
BISI 8084

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Effective Utilization of Steel Sheet, by J. Solar.
CZECH, per, Stroijirenska Vyroba, Vol 17, No 1, 1969, pp 36-39.
BISI 8085

Sci-Mat
Sep 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

New-Types of High Speed Steels for Cutting Tools, by L. Zeleznik and V. Rocek, CZECH, per. Strojirenska vyroba, Vol 17, No 5, 1969, pp 344-346,
*BISI 8086

Sci/Mat
Mar 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Flame-Aluminizing Sheet, by P. Kersch.
CZECH, per, Strojirenska Vyroba, Vol 17, No 6,
1969, pp 420-425.
BISI 8080

scl/mat
Jan 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Production Problems of Hammer Forged and Drop Forged Forgings, by A. Jicha, CZECH, per. Strojirenska vyroba, Vol 17, No 6, 1969, p 430-
*BISI 8088

Sci/Mat
Mar 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Heat Treatment of Sintered Steels,
by I. Pisch,
CZECH, per. Strojirenska vyroba, Vol 17, No 7,
1969, pp 484-488,
*BISI 8089

Sci/Mat
Mar 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Heat Treatment of Hardenable Stainless Chromium Steels, by K. Kraus,
CZECH, per. Strojirenska Vyroba, Vol 18 No 5, 1970, pp 329-336.
BISI 8598

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Plastic Deformation of Sintered Carbide Bits Used in Cutting Tools, by M. Dlouhy, CZECH, per. Strojirenska vyroba, No 8, 1970, pp 553-557.
BISI 9043

Aug 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Testing Resistance to Abrasion of Steels Used for Press Dies, by F, Panacek.
CZECH, per, Strojirenska vyroba, (5), 1971, pp. 322-326.
BISI 9681

July 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

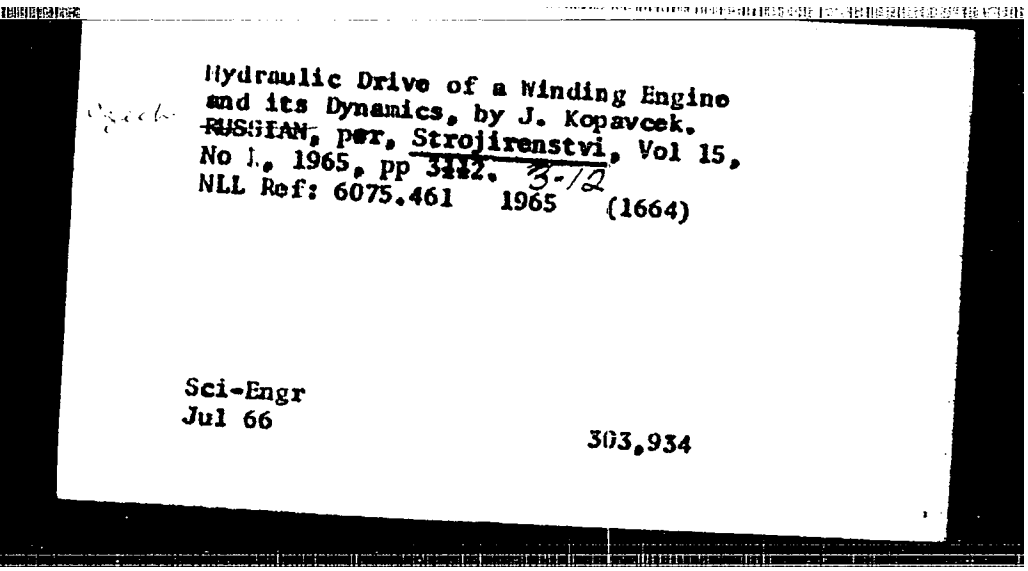
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Improving the Workability of Steel 14220 for Drawing, by F. Vintner.
CZECH, per, Strojirenska Vyroba, Vol 20, No 3, 1972, pp 170-175.
BISI 10527

Oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



Hydraulic Drive of a Winding Engine and its Dynamics, by J. Kopavcek. RUSSIAN, per, Strojirenstvi, Vol 15, No 1, 1965, pp 3-12. 3-12
NLL Ref: 6075.461 1965 (1664)

Sci-Engr
Jul 66

303,934

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Blading Design of an Axial Compressor,
by J. Sintak, 21 pp.
CZECH, per, Strojirenstvi, Vol 15,
No 3, 1965, pp 172-179.
P100229468-V
FTD-HT-67-384

Sci/Physics
Sep 68

364,326

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

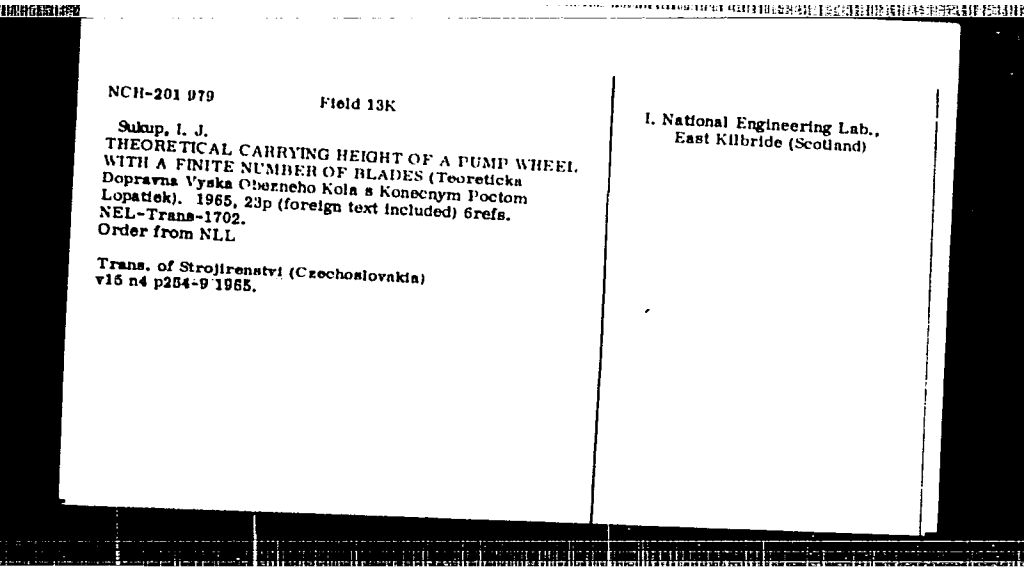
Electromagnetic Shaping and its Possibilities,
by Drastik, Vocol, et al, 8 pp.
CZECH, per, Strojirenstvi, Vol XV, 1965,
pp 222-226.
ACSI I-7861
ID 2204038465

Sci - Elec
Nov 65

292,752

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



NCH-201 979 Field 13K

Sukup, I. J.
THEORETICAL CARRYING HEIGHT OF A PUMP WHEEL WITH A FINITE NUMBER OF BLADES (Teoreticka Dopravna Vyska Oberneho Kola s Konecnym Poctom Lopatiek). 1965, 23p (foreign text included) 6refs.
NEL-Trans-1702.
Order from NLL

Trans. of Strojirenstvi (Czechoslovakia)
v15 n4 p254-9 1965.

I. National Engineering Lab., East Kilbride (Scotland)

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Application of Beta-Radiation in Control of Thin-Walled Aluminum Pipes, by V. Brozek, 11 pp. FOR OFFICIAL USE ONLY
CZECH, per, Strojirenstvi, Vol XV, No 4, 1965, pp 300-303. 9699725
FSTC 581-T65-417

Sci - Eng
Mar 66

297,812

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Radial Clearance of Antifriction Bearings,
by V. Patocka.
CZECH, per, Strojirenstvi, No 15, 1965,
pp 491-497.
AIR/FTD/HT-23-1402-67

Sci-Mech
Feb 69

374,394

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Loading Capacity of Surface Hardened Gears, by V. Linhart.

RUSSIAN, per, Strojirenstvi, Vol 15, No 7, 1965, pp 506-511.

HLL Ref: 6075.461b 1966 (1772)

Sci-Mgt
Aug 66

308,537

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Impact Machine for Dynamic Tests of Aircraft Landing Gears, by F. Kozelsky, J. Sprinc.23 pp CZECH, per, Strojirenstvi, Vol 15, No 7, 1965, pp 524-533.
AIR/FTD/TT-23-1434-67

Sci/Aeronautics
Feb 69

375,549

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Evaluation of Oils for Porous Bearings, by
C. Nahlovsky, 9 pp.
CZECH. per. Strojirenstvi, Vol 15, No 8, 1965,
pp 609-612.
AIR/FTD/HT-67-386

Sci-Mech
Feb 69

372.947

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

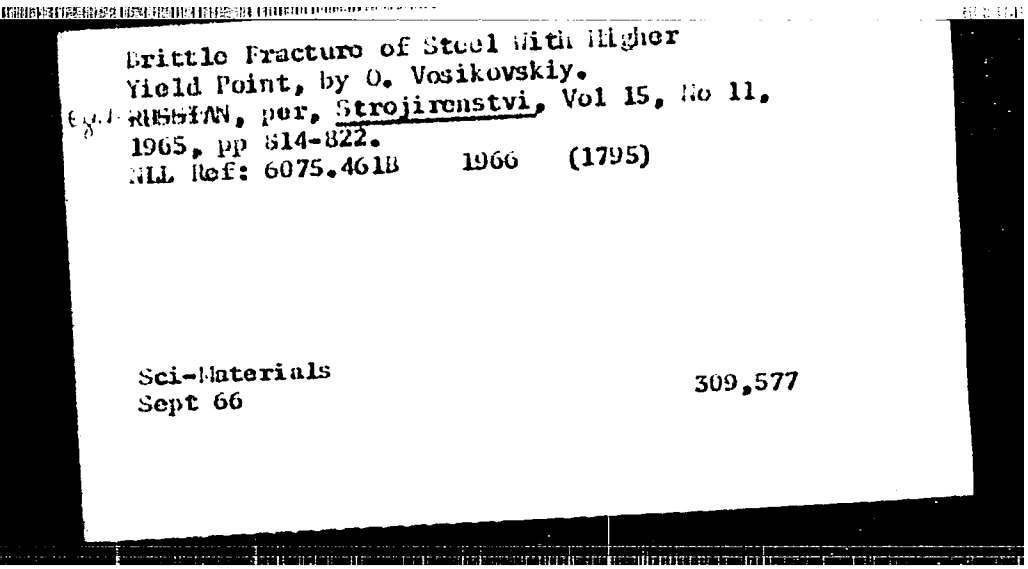
Relation Between Optimum Efficiency and Optimum Head of Propellor Pumps, by J. Blaha, et al.
RUSSIAN, per, Strojirenstvi, Vol 15, No 10, 1965, pp 725-730.
BLL Ref: 6075.461B 1966 (1788)

Sci-Fuels & Prop
Aug 66

308,531

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



Brittle Fracture of Steel With Higher Yield Point, by O. Vosikovskiy.
RUSSIAN, per, Strojirenstvi, Vol 15, No 11, 1965, pp 814-822.
NLL Ref: 6075.461B 1966 (1795)

Sci-Materials
Sept 66

309,577

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Classification of Components and Numbering Systems., by K. Vetrovec.
Czech [redacted], per. Strojirenstvi, Vol 15, No 11, 1965, pp 860-862.
NLL 6075.461 (1853)

Sci-Mat
Nov 67

345.376

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Measurement of Heat Flows in Boiler Combustion Chambers, by V. Libich and M. Rabas
CZECH, per, Strojirenstvi, Vol 15, No 12, 1965, pp 932-937.
HLL Ref: 9022.09 (4601)

Sci-Energy Conversion
July 68

360,905

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Computation of the Heat Cycles of Internal Combustion Turbines by a Computer, by L. Kurz, 5 pp.
CZECH. per. Strojirenstvi, Vol 16, No 1, 1966, pp 7-8.
AIR/FTD/T-23-752-67

Sci-Prop and Fuels
Nov 68

353.704

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Conditions for Optimum Economic Operation in the Working Range of the Pump, by
O. Stryček,
CZKG, per, Strojirenstvi, Vol XVI, No 1, 1966, pp 22-29.
JLL 6073.461 (1820)

Sci-Prop & Fuels
Apr 67

324,179

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

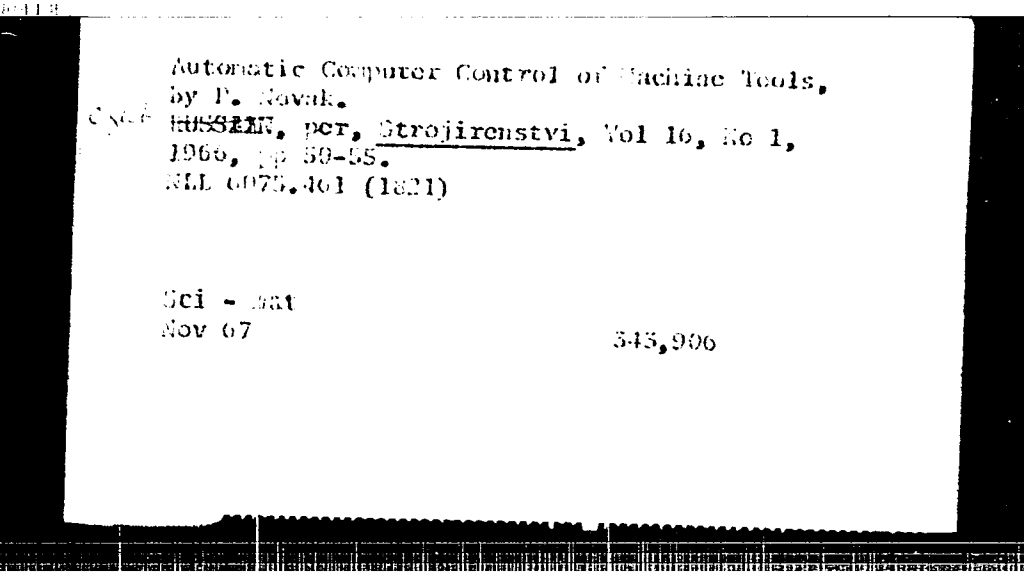
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Reducing Machine Noise Through the Wider Application of Plastics, by J. Ransdorf, 10 pp
CZECH, per, Strojirenstvi, Vol 16, No 1, 1966, pp 45-49
FTD-HT-23-865-67

Sci-Physics 364,164
Sep 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



Automatic Computer Control of Machine Tools,
by P. Novak.
CSSR, per, Strojirenstvi, Vol 16, No 1,
1966, pp 50-55.
NLL 6075.401 (1821)

Sci - Mat
Nov 67

545,906

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Automatic Ultrasonic Checking Equipment for Heavy Plates, by J. Obraz.
CZECH, per, Strojirenstvi, No 1, Jan 1966, pp 63-69.
ACSI J-1248
ID 2204056566

Sci-Tech Idus Engr
Feb 67

317,738

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Calculation of Joints Incorporating Tangential Keys, by V. Mydlarcik, 13 pp.
CZECH, per, Strojirenstvi, Vol 16, No 2, 1966, pp 83-88.
P100255068-V
FTD-HT-23-866-67

Sci-Mechanical Engr.
Oct 68

366,185

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Changes of the Structure and Properties of Soft Carbon Steels Cyclically Stressed under the Fatigue Limit, by V. Benes, 8 pp.
CZECH, per, Strojirenstvi, Vol 16, No 3, 1966, pp 191-195.
P100255168-V
FTD-HT-23-864-67

Sci-Materials
Oct 68 366,186

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Explosive Forming. CZ Pat. No PV 4882-63
by Slavik, J; F. Capka
CZECH, per, Strojirenstvi, Vol XVI,
No 5, 1966, pp 234-235.
*FTD HT 23-894-67

Slavik-
EEur/Czech/Mil
Jun 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

A Contribution to the Determination of an Axial Compressor Stage, by J. Jerie. 13 pp.
CZECH, per, Strojirenstvi, Vol 18, No 7, 1966, pp 481-485.
AIR/FTD/MT-23-983-68

sci/propulsion and fuels
May 69

381,183

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Dynamics of Rotors in Gas-Lubricated Bearings, by A. Tondl.
CZECH, Per, Strojirenstvi, Vol 16, No 7, 1966, pp 486-490.
AIR/FTD/AR-23-62-68

sci/techn engr
mar 69

376,634

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Reducing the Siren Noise of Axial Turbo-Machinery,
by Z. Moravec.
RUSSIAN, per. Stroitelstvi, Vol 16, No 7, 1966,
pp 491-495.
NLL 6075.461 (1864)

Sci-Mat
Nov 67

345,383

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Attachment to Pendulum-Type Impact Testing Hammers for the Determination of the Load-Time Relationship, by M. Holzmann, J. Man.
CZECH, per, Strojirenstvi, Vol 16, No 8, 1966, pp 614-619.
NLL Ref: 8313.4 (5450)

Sci-Mat
Mar 69

376,989

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Role of State Testing Centers in the Engineering Industry, by J. Prosek, 5 pp.
GOVERNMENT USE ONLY
CZECH, per, Strojirenstvi, No 9, Sep 1966.
pp 641-642.
JPRS CSO 2206

EE - Czechoslovakia
Econ
Nov 66 313,721

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Reliability of Components and Systems, by
F. Zelený.
CZECH, per, Strojírenství, Vol 16, No 12,
Dec 1966, pp 883-890.
ACSI J-4277
ID 2204003268

Sci/Electr
June 68

358,282

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

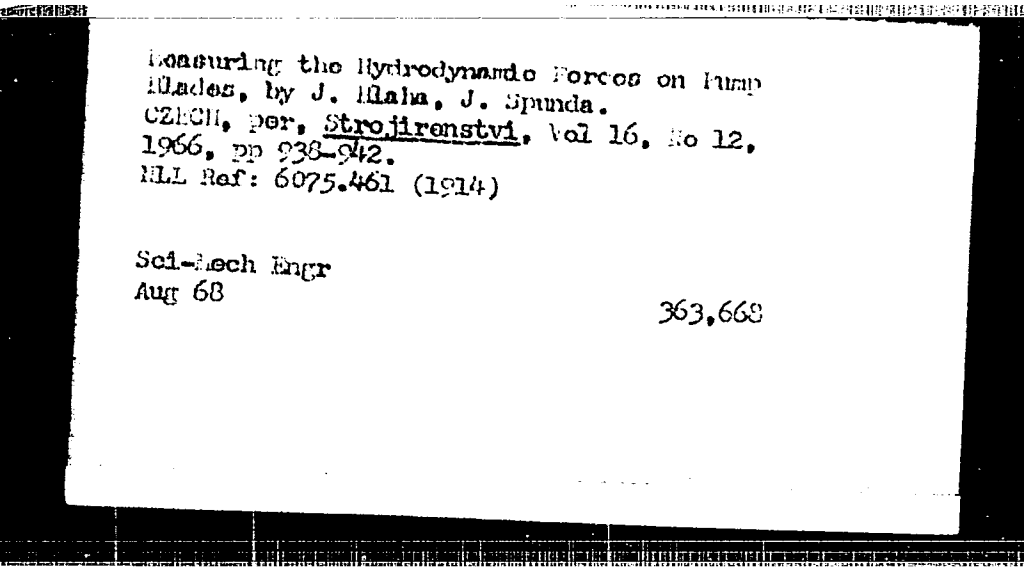
Calculating the Specific Pressure of Strip Coils on the Coiling Machine Drum, by J. Houzek.
CZECH, per, Strojirenstvi, Vol 16, No 12, 1966, pp 904-908.
BISI 5829

Sci/Materials
Jan 69

353,171

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



Measuring the Hydrodynamic Forces on Pump Blades, by J. Hlaha, J. Spunda.
CZECH, per, Strojirenstvi, Vol 16, No 12, 1966, pp 938-942.
NLL Ref: 6075.461 (1914)

Sci-Tech Engr
Aug 68

363,668

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

J. Marik

Straightening of steam turbine rotors by induction heating.
CZECH, Strojirenstvi, Vol 16, No 16, 1966, pp 743-747
C.E. trans 5942

sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Fatigue Loop Diagrams for Notched Parts, by O. Puchner,
CZECHOSLAVOKIAN, per, Strojirenstvi, Vol 17, No 4, 1967, pp 243-250.
NLL Ref 5828.4F (7438)

Mat
July 69

385-395

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Reliability of the Evaporators of Once-Through Boilers on Starting, by R. Dolezal
CZECH, per, Strojirenstvi, Vol 17, No 4, 1967, pp 259-263.
NLL Ref: 9091.9F (Risley 1400)

Sci-Mechanical
July 68

360,827

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Increasing the Wear Resistance of Machine Parts by Diffusive Sulfidization and Polybdenum Disulfide, by J. Vainar, F. Hasil. 28 pp. CZECH, per, Strojirenstvi, Vol 17, No 6, 1967, pp 426--436.
AIR/FTD/MF-23-242-68

sci/materials
apr 69

377,977

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Future Prospects of Czechoslovak Engineering Industry, by J. Sveda, 5 pp.
GOVERNMENT USE ONLY
CZECH, per, Strojirenstvi, Vol 17 (1967) No 7, 6 July 1967, pp 481-482.
JPRS GUO 2540

EE-Czech
Econ
Oct 67

342,799

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

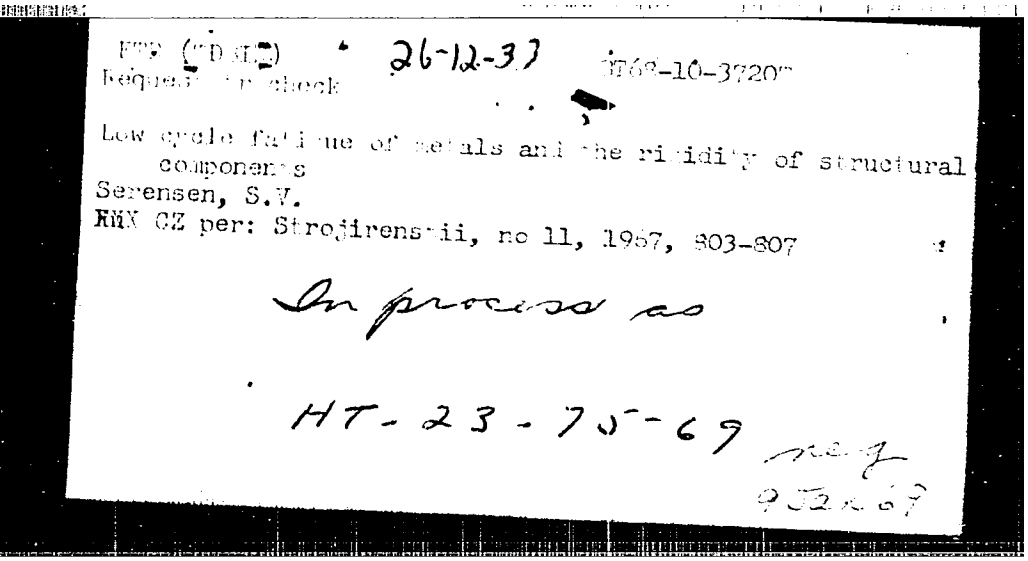
Forging of Bevel Gears, by J. Bohacek. 8 pp.
CZECH, per, Strojirenska Vyroba, Oct 1967,
pp 739-743.
ACSI-J-7327
FSTC-HT-23-131-70

Sci-Materials
Nov 69

395,719

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



FTD (TDBT) 26-12-37 AT69-10-3720
Request for check

Low cycle fatigue of metals and the rigidity of structural components
Serensen, S.V.
RMX CZ per: Strojirenstvi, no 11, 1957, 803-807

In process as

HT-23-75-69 Rec'd 9 Jan 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Calculation of a Flow Around Cascades of Blades, by J. Polasek.
CZECH, per, Strojirenstvi, Vol 17, No 11, 1967, pp 842-849.
NLL Ref: 3774.5 (1805)

Sci-Phys
May 69

380,680 380

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

The Self Lubricating Properties of Sintered Bearings, by S. Glezl.
CZECH, per, Strojirenstvi, Vol 17, No 12, 1967, pp 905-911.
*BSSI 7206

Sci-Mat
May 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Future Line of Development in Czechoslovak Mechanical Engineering, by K. Rolinek, 5 pp.
GOVERNMENT USE ONLY
CZECH, per, Strojirenstvi, Vol. 18, No. 1, 10 Jan 68, pp. 1-2.
JPRS GUO 2736

Sci-Mach.,Ind., Civil and Marine Engineering
March 68 352,775

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Characteristic Operational Factors of Porous Bearings, by S. Glezl.
CEECH, per, Strojirenstvi, Vol 18, No 2, 1968
pp 113-121.
BISI 7207

FTD-MT-23-64-69

sci/ materials'n
nov 69

397,304

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Fatigue Properties of Low Carbon Strip Steel, by A. Salak, CZECH, per. Strojirenstvi, Vol 18, No 2, 1968, pp 122-127.
BISI 7317

Sci/Mat
Sep 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Toughness of Fine-Grained Weldable Steel Sheets, by J. Vrtel. CZECH, per, Strojirenstvi, Vol 18, No 5, 1968, pp 351-358.
BISI 6743

Sci/Materials
Jun 69

383,053

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Structural Changes During the Forming of Steel by High Speeds, by V. Baborovsky.
CZECH, per, Strojirenstvi, Vol 18, No 6, 1968, pp 437-442.
BISI 6756

Sci-Mat
Apr 69

379.767

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Heat Resistance of 12% Modified Chromium Steel,
by V. Foldyna.
CZECH, per, Strojirenstvi, Vol 18, No 7, 1968,
pp 510-519.
*BISI 6952

Sci-Mat
Apr 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Evaluation of the Resistance of Steel to Brittle Fracture From the Results of Tests Carried out With Notched Specimens, by J. Vrtel.
CZECH, per, Strojirenstvi, Vol 18, No 7, 1968, pp 520-527.
ABST 6953

sci/ materials
Sept 69

393,019

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Vacuum Metallization of Steel Springs, by J. Moravec.
CZECH, per, Strojirenstvi, Vol 18, No 7, 1968,
pp 528-532.
BISI 6954

SciMat
May 69

382,472

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Selecting Steel for Constructions Operation Under Low Temperatures, by O. Vosikovsky.
CZECH, Per, Strojirenstvi, Vol 18, No 8, 1968, pp 587-593.
BISI 7090

Sci-Mat
Aug 69

389,544

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Banders of Superheater Coils Fabricated by Welding Chromium Steel Parts to Low Alloy Steel Parts, by V. Holy, J. Cervenka.
CZECH, per, Strojirenstvi, Vol 18, No 8, 1968, pp 600-604.
FTD-T 7091

sci/ materials
dec 69

398,607

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Centrifugal Built-in Water Separators for Heavy Duty Boiler Drums, by J. Karpisek. CZECH, per, Strojirenstvi, Vol 18, No 9, 1968, pp 649-655.
CEGB
C.E. Trans 5148

Sci-Mech
Feb 70

401,771

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Notes on the Reliability of 500 MW Units, by
R. Dolezhal.
CZECH, per, Strojirenstvi, Vol 18, No 9, 1968,
pp 706-713.
NLL Ref: 9022.09 (CE trans 5137)

Sci/Energ Conv
Dec 69

398,293

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Development of Equipment for Brittle Fracture Testing by the Double Tension Method,
by E. Starek and J. Dokoupil,
CZECH, per. Strojirenstvi, Vol 18, No. 12,
1968, pp 886-889
*BISI 7926

Sci/Mat
Mar 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Calculating Fire-Limited Fatigue Strength through the Safety Factor, by V. Vaclavik. CZECH, Jour, Strojirenstvi, Vol 19, No 1, 1969, pp 3-10.
*BISI 7616

sci/ materials
sept 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Analytical Presentation of the Heat Content of Combustion Products, by F. Jirous.
CZECH, per, Strojirenstvi, Vol 19, Jan 1969, pp 11-16.
CEKB
C.E. Trans 5219

Sci-Phys
Feb 70

401,731

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Some Problems of Ultrasound Automation in Defectoscopy and Their Solution, by J. Obraz.
CZECH, per, Strojirenstvi, Vol 19, No 1, 1969, pp 22-31.
BISI 7538

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Effect of Self-Tempering on Microdeformation in Outer Layers of Toothed Wheels after Surface Hardening, by Q. Jackuliak, V. Bojnican.
CZECH, per, Strojirenstvi, Vol 19, No 1, 1969, pp 32-36.
BISI 7618

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Quality of Cold Rolled Thin Steel for Deep Drawing,
by O. Moravek.
CZECH, per, Strojirenstvi, Vol 19, No 3, 1969,
pp 165-172.
BISI 7676

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Magnetic Properties of Anti-Friction Bearing Steel,
by I. Pumjak,
CZECH, per. Strojirenstvi, Vol 19, No 4, 1969,
[illegible]646
BISI 7646

Sci/Mat
May 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Influence of Strain Rate and Temperature on the Mechanical Properties of Structural Steels, by O. Voskovsky.
CZECH, per, Strojirenstvi, Vol 19, No 7, 1969, pp 443-450.
BISI 7799

Sci-Mat
Sep 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Factors Determining the Thermal Balance of Furnaces,
by S. Cernoch.
CZECH, per, Strojirenstvi, Vol 19, No 9, 1969,
pp 552-556.
BISI 7961

Sci-Mat
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Criteria Evaluating the Resistance of Steel to Brittle Fracture, by M. Holzmann, J. Mann. CZECH, per, Strojirenstvi, Vol 19, No 9, 1969, pp 568-580.
BISI 7911

Sci-Mat
Sep 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

New Steel with Higher Resistance to Atmospheric Corrosion, by J. Baroch.
CZECH, per, Strojirenstvi, Vol 19, No 9, 1969, pp 598.
BISI 7912

Sci-Nat
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Central Control of Belt Conveyance in Sintering Plant of NHKG Steel Works, by J. Martinak, CZECH, per. Strojirenstvi, Vol 19, No 10, 1969, pp 369-372.
*BISI 8230

Sci/Mat
Apr 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Effect of Chemical Analys on Anisotropy of Mechanical Properties at Hot Rolling of Strips, by Z. Hauza and A. Zajicek, CZECH, per. Strojirenstvi, Vol 19, No 10, 1969, pp 386-390.
*EIBI 8231

Sci/Mat
Apr 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

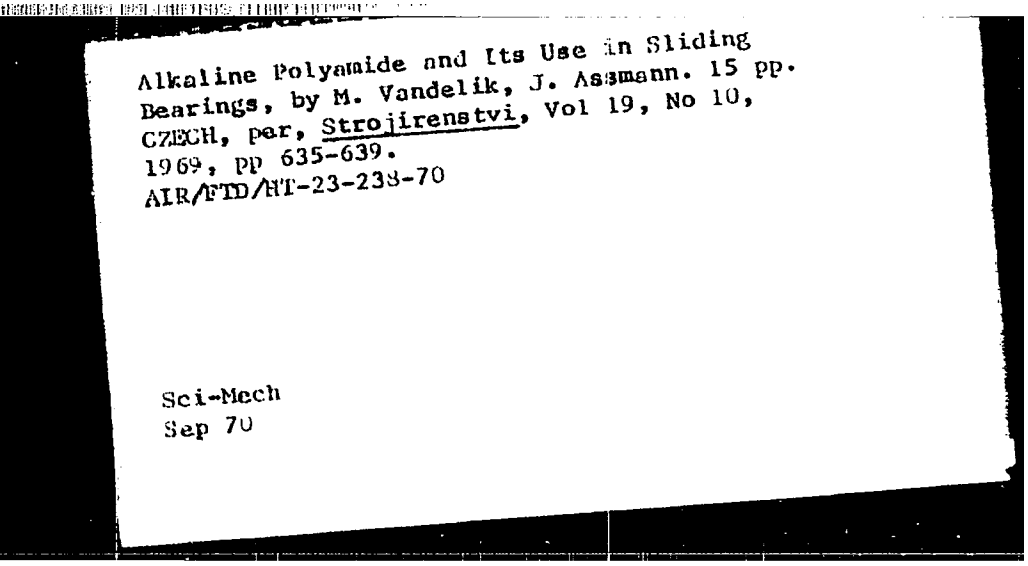
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Applying Eddy Current Method of Defect Detection in Hot Rolled Seamless Tubes, by J. Ullmann and L. Vavros,
CZECH, per. Strojirenstvi, Vol 19, No 10, 1969, pp 394-398.
*BIBI 8232

Sci/Met
Apr 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7



Alkaline Polyamide and Its Use in Sliding Bearings, by M. Vandelik, J. Assmann. 15 pp. CZECH, par, Strojirenstvi, Vol 19, No 10, 1969, pp 635-639.
AIR/FTD/HT-23-238-70

Sci-Mech
Sep 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7

Heat Generated by Drilling Can be Utilized for Softening Hard Steel, by J. Hrubec, CZECH, per. Strojirenstvi, Vol 19, No 10, 1969, pp 640-643.
BISI 8074

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401350017-7